

Abstract

Equipment for continuous, horizontal casting of metal, in particular aluminium. The equipment including an insulated reservoir or pool (2), which is designed to contain liquid metal, and a mould (3), which can be removed from the pool (2), with an insulating plate (19) with holes (25, 26) which communicate with the mould, the mould (3) including a preferably circular cavity (17) with a wall (12, 13) of permeable material for the supply of oil and at least one annular slit or nozzles (16) arranged along the circumference of the cavity for the direct supply of coolant. In addition to the oil gas, is supplied through the permeable material (12, 13) and annuli (20) are arranged between the permeable wall material and the mould housing (8) to distribute the gas/oil to the wall material. The annuli (20) is divided into sectors using plugs or similar restrictions (21) and are supplied with oil/gas via separate supply channels (10, 11) for each sector, thus making it possible to differentiate the supply of oil/gas around the circumference.

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